

ABSTRACT OF THE DISCLOSURE

The present invention is directed to a method for producing agricultural information on an area of interest, with the information based on raw, remote imaging data that is typically produced by a sensor associated with a satellite or aircraft. In one embodiment, the method includes processing raw, remote imaging data to produce reflectance factor data on the land of interest. The reflectance factor data is then used to produce agriculturally significant information. In one embodiment, a soil zone index map is produced for the land of interest. In another embodiment, the reflectance factor data is used to produce a green vegetation index map. In yet a further embodiment, the reflectance factor data at two points in time is used to produce a map for the land of interest that indicates the change in the green vegetation index over time.

2004/04/24